

ECDYSONE-INDUCIBLE ADENO-ASSOCIATED
VIRUS EXPRESSION VECTORS

5

ABSTRACT

The present invention relates to AAV expression vectors that allow the introduction and regulated expression of heterologous genes into mammalian tissues and cells. In certain embodiments, vectors of the present invention are ecdysone-inducible AAV expression vectors and AAV expression vectors encoding EcR and RXR. In this system, the heterologous gene is "turned off" until an inducer such as pon A is provided to the tissues or cells. The present invention also provides methods of using inducible AAV expression vectors.

10